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HACRMATION DISCLOSURE

Date Submitted: December 19, 2007

ORMATION DISCLOSURE

as many sheets as necessary)

of 26 1056713@ro/\$B/0ktds-08656 Approved for use through 03/31/2007. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Complete if Known **Application Number** 10/567,139 Filing Date 08/06/2004 First Named Inventor Jean Michel MARTIN Art I Init 3682 Examiner Name Unassigned Attorney Docket Number 023971-0642

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Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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	Substitute for form	1449/F	то		Complete if Known	
	INFORMATION DI	SCLO	SURE	Application Number	10/567,139	
	STATEMENT BY A	PPLI	CANT	Filing Date	08/06/2004	
				First Named Inventor	Jean Michel MARTIN	
Date Submitted: December 19, 2007 (use as many sheets as necessary)			19, 2007	Art Unit	3682	
			cessary)	Examiner Name	Unassigned	
Sheet	2	of	26	Attorney Docket Number	023971-0642	

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	Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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10567139To/63/06(de-0656 Approved for use through 03/31/2007. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE cond to a collection of information unless it contains a valid OMB control

	Substitute for form	1449/F	OTO	1	Complete if Known	
	INFORMATION DIS	SCLO	SURE	Application Number	10/567,139	
	STATEMENT BY A	PPLI	CANT	Filing Date	08/06/2004	
			40.0007	First Named Inventor	Jean Michel MARTIN	
Date Submitted: December 19, 2007				Art Unit	3682	
(u	se as many sheets	as ne	cessary)	Examiner Name	Unassigned	
Sheet	3	of	26	Attorney Docket Number	023971-0642	

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	INFORMATION	DISCLO	SURE	Application Number	10/567,139		
STATEMENT BY APPLICANT				Filing Date	08/06/2004		
-	O b (M d) D -		40 2007	First Named Inventor	Jean Michel MARTIN		
Date Submitted: December 19, 2007 (use as many sheets as necessary)				Art Unit	3682		
				Examiner Name	Unassigned		
Sheet	4	of	26	Attorney Docket Number	023971-0642		

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*EXAMINER: Init	ial if reference considered, whether or not citation is in confo	mance with MPEP 609. Draw line through citation if not in	conformance and not considered.

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	INFORMATION DIS	SCLO	SURE	Application Number	10/567,139	
	STATEMENT BY A	PPLI	CANT	Filing Date	08/06/2004	
-	Date Submitted: Dece		40 0007	First Named Inventor	Jean Michel MARTIN	
L	pate Submitted: Dece	mber	19, 2007	Art Unit	3682	
(use as many sheets	as ne	cessary)	Examiner Name	Unassigned	
Sheet	5	of	26	Attorney Docket Number	023971-0642	

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A210	US-5,952,102-	09-14-1999	CUTLER	
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Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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number.	Substitute for form	n 1449/	PTO		Complete if Known
1	INFORMATION D	ISCLO	SURE	Application Number	10/567,139
ı	STATEMENT BY	APPLI	CANT	Filing Date	08/06/2004
ı	Date Submitted: Dec	ombor	10 2007	First Named Inventor	Jean Michel MARTIN
ı	Date Submitted. Dec	ember	19, 2007	Art Unit	3682
	(use as many sheets	as ne	cessary)	Examiner Name	Unassigned
Sheet	6	of	26	Attorney Docket Number	023971-0642

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Examiner Signature	/James Pilkington/	Date Considered	06/22/2009

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INF	DRMATION DIS	SCLO	SURE	Application Number	10/567,139		
STA	TEMENT BY A	PPLI	CANT	Filing Date	08/06/2004		
Date Submitted: December 19, 2007				First Named Inventor	Jean Michel MARTIN		
				Art Unit	3682		
(use as many sheets as necessary)				Examiner Name	Unassigned		
Sheet 7		of	26	Attorney Docket Number	023971-0642		

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Examiner Signature	/James Pilkington/	Date Considered	06/22/2009

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	INFORMATION DI	SCLO	SURE	Application Number	10/567,139		
	STATEMENT BY A	APPLIC	CANT	Filing Date	08/06/2004		
	Data Submitted: Data	mhar	10 2007	First Named Inventor	Jean Michel MARTIN		
Date Submitted: December 19, 2007				Art Unit	3682		
	(use as many sheets	as nec	cessary)	Examiner Name	Unassigned		
Sheet	8	of	26	Attorney Docket Number	023971-0642		

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Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
*EVANUMED MI	all if reference considered, whether or not citation is in conformation with MPER 609. De-	or tipe through citation if not in	conformance and not considered

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	INFORMATION DI	SCLO	SURE	Application Number	10/567,139			
	STATEMENT BY	APPLI	CANT	Filing Date	08/06/2004			
Date Submitted: December 19, 2007				First Named Inventor	Jean Michel MARTIN			
	Date Submitted. Dece	innei	19, 2007	Art Unit	3682			
(use as many sheets as necessary)				Examiner Name	Unassigned			
Sheet	9	of	26	Attorney Docket Number	023971-0642			

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Examiner Initials*	Cite No.1	U.S. Patent Application Document Serial Number-Kind Code ² (if known)	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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	Date Submitted: Deci	ember	19, 2007	Art Unit	3682		
(use as many sheets as necessary)			cessary)	Examiner Name	Unassigned		
Sheet	10	of	26	Attorney Docket Number	023971-0642		

Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
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	A401	WO-01/63639-A1	08-30-2001	ENERGY CONVERSION DEVICES, INC.		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
'EXAMINER: Initia	al if reference considered, whether or not citation is in conform	sance with MPEP 609. Draw line through citation if not it	n conformance and not considered.

Include copy of this form with next communication to applicant. I Applicant's unique catation designation number (optional), 2 See Kinds Codes of USPTO Patent Decuments at wavesplop own MEP 901.04. 3 Either (Disc that issued the document, by the who-effect code (VIPO Selection of Code) and the control of the Competer of the Code of USPTO Patent of of USPTO USPTO

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	Substitute for form	1449/PTO	1	Complete if Known		
	INFORMATION DIS	SCLOSURE	Application Number	10/567,139		
	STATEMENT BY A	PPLICANT	Filing Date	08/06/2004		
_		40.0007	First Named Inventor	Jean Michel MARTIN		
L.	Date Submitted: Dece	mber 19, 2007	Art Unit	3682		
(use as many sheets as necessary)			Examiner Name	Unassigned		
Sheet	11	of 26	Attorney Docket Number	023971-0642		

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6	
	A402	WO-01/67834-A1	09-13-2001	3M INNOVATIVE PROPERTIES COMPANY			
	A403	WO-01/79583-A2	10-25-2001	TECHNOLOGY INTERNATIONAL, INC.			
	A404	WO-01/80224-A2	10-25-2001	SEAGATE TECHNOLOGY LLC			
	A405	WO-02/054454-A2	07-11-2002	LAM RESEARCH CORPORATION			
	A406	WO-02/062714-A2	08-15-2002	HONEYWELL, INC.			
	A407	WO-02/073021-A1	09-19-2002	BAYERISCHE MOTOREN WERKE			
	A408	WO-02/080996-A1	10-17-2002	FRANZ HERBST ET AL.			
	A409	WO-02/085237-A2	10-31-2002	GENERAL PLASMA, LLC			
	A410	WO-02/090461-A1	11-14-2002	V. GOROKHOVSKY			
	A411	WO-02/097289-A1	12-05-2002	AB SKF		T	
	A412	WO-02/13188-A1	02-14-2002	KONINKLIJKE PHILIPS ELECTRONICS N.V.			
	A413	WO-02/24601-A1	03-28-2002	CAMCO INTERNATIONAL (UK) LIMITED			
	A414	WO-02/24603-A1	03-28-2002	SCHLUMBERGER HOLDINGS LIMITED ET AL.		T	
	A415	WO-02/24970-A2	03-28-2002	FEDERAL MOGUL BURSCHEID GMBH, ET AL.			
	A416	WO-02/32625-A2	04-25-2002	3M INNOVATIVE PROPERTIES COMPANY		Т	
	A417	WO-02/44440-A1	06-06-2002	ESSILOR INTERNATIONAL			
	A418	WO-03/009978-A1	02-06-2003	AMERICAN SAW & MFG. COMPANY		T	
	A419	WO-03/013990-A1	02-20-2003	STAPELL/GUIDER CORP.		\top	
	A420	WO-03/020329-A1	03-13-2003	ESTROGEN VASCULAR TECHNOLOGY, LCC			
	A421	WO-03/021731-A1	03-13-2003	CYMER, INC.			
	A422	WO-03/031543-A2	04-17-2003	UNICHEMA CHEMIE B.V.			
	A423	WO-03/046508-A3	06-05-2003	BIOMICROARRAYS, INC.			
	A424	WO-03/054876-A1	07-03-2003	SEAGATE TECHNOLOGY, LLC			
	A425	WO-03/076309-A2	09-18-2003	FROST LINKS, INC.			
	A426	WO-03/078679-A1	09-25-2003	TEER COATINGS, LTD.		1	
	A427	WO-03/091758-A2	11-06-2003	SABEUS PHOTONICS, INC.		1_	
	A428	WO-03/095009-A1	11-20-2003	PERLOS OYJ			

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009				
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	Substitute for form	1449/F	то		Complete if Known		
	INFORMATION DIS	SCLO	SURE	Application Number	10/567,139		
	STATEMENT BY A	PPLI	CANT	Filing Date	08/06/2004		
	Date Submitted: Dece		10 2007	First Named Inventor	Jean Michel MARTIN		
	Date Submitted: Dece	mber	19, 2007	Art Unit	3682		
(use as many sheets as necessary)			cessary)	Examiner Name	Unassigned		
Sheet	12	of	26	Attorney Docket Number	023971-0642		

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code* Number* Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т		
	A429	WO-03/105134-A1	12-18-2003	SEAGATE TECHNOLOGY LLC				
	A430	JP-05-036004-U	05-18-1993					
	A431	JP-05-042616-U	06-11-1993			Τ.		
	A432	JP-05-070879-A	03-23-1993	HONDA MOTOR CO., LTD.				
	A433	JP-06-264993-A	09-20-1994	NISSAN MOTOR CO., LTD.		Т		
	A434	IP.06-294307-A	10.21.1004	SUMITOMO ELECTRIC IND.		Т		
				CO.				
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-	A437	JP-07-090553-A	04-04-1995	SHOJIRO MIYAKE ET AL		\top		
	A438	JP-07-103238-A	04-18-1995	NIPPON ACHISON KK		т		
	A439	JP-07-118832-A	05-09-1995	TOYOTA MOTOR CORP.		Т		
	A440	JP-07-286696-A	10-31-1995	HONDA MOTOR CO., LTD.				
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	A442	JP-08-061499-A	03-08-1996	NGK SPARK PLUG CO., LTD.		T		
	A443	JP-08-128448-A	05-21-1996	KYOCERA CORP.		Т		
	A444	JP-09-020981-A	01-21-1997	TOYO KOHAN CO., LTD.		Т		
	A445	JP-09-253770-A	09-30-1997	MITSUBISHI ELECTRIC CORP.				
	A446	DE-100 17 459-A1	10-26-2000	NISSAN MOTOR CO., LTD.		_		
	A447	GB-1 005 638-	09-22-1965	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ N.V.				
	A448	DE-100 61 397-A1	05-08-2002	DESCH ANTRIEBSTECHNIK GMBH & C				
	A449	JP-10-088369-A	04-07-1998	SANYO ELECTRIC CO.		Т		
	A450	DE-101 58 683-A1	06-05-2003	TEA GMBH TECHNOLOGIEZENTRUM EM				
	A451	EP-1 018 291-B1	10-02-2002	MINNESOTA MINING AND MANUFACTURING COMPANY				
	A452	JP-10-265790-A	10-06-1998	IDEMITSU KOSAN CO., LTD.		T		
	A453	JP-10-298440-A	11-10-1998	NISSIN ELECTRIC CO., LTD.		T		
	A454	DE-103 18 135-A1	11-06-2003	DENSO CORP		1		
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	A456	EP-1 034 320-B1	12-19-2001	MINNESOTA MINING AND MANUFACTURING				

Examiner Signature	/James Pilkington/	Date . Considered	06/22/2009				
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 19, 2007				Application Number	10/567,139		
				Filing Date	08/06/2004		
				First Named Inventor	Jean Michel MARTIN		
	Date Submitted: Dece	mber	19, 2007	Art Unit	3682		
(use as many sheets as necessary)				Examiner Name	Unassigned		
Sheet	13	of	26	Attorney Docket Number	023971-0642		

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T'		
	A457	EP-1 063 085-A1	12-27-2000	PREMARK RWP				
		 		HOLDINGS, INC.		-		
	A458	EP-1 067 211-A1	01-10-2001	SUMITOMO ELECTRIC INDUSTRIES, LTD.				
	A459	EP-1 076 087-A1	02-14-2001	ETHYL CORPORATION				
	A460	EP-1 078 736-A1	02-28-2001	FUJI PHOTO FILM CO., LTD.		$^{-}$		
	A461	EP-1 078 736-B1	01-28-2004	FUJI PHOTO FILM CO., LTD.		1		
	A462	EP-1 083 946-B1	12-03-2003	BLUE MEDICAL DEVICES B.V.				
	A463	JP-11-022423-A	01-26-1999	FUJI OOZX INC.		+		
	A464	EP-1 109 196-A1	06-20-2001	AXCELIS TECHNOLOGIES,				
	A465	JP-11-190406-A	07-13-1999	SUZUKI MOTOR CORP.		+		
	A466	JP-11-287329-A	10-19-1999	EAGLE IND. CO., LTD.		+-		
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	A468	JP-11-294118-A	10-26-1999	NISSAN MOTOR CO., LTD.		$^{+}$		
	A469	JP-11-333773-A	12-07-1999	NISSIN ELECTRIC CO. LTD.		1		
	A470	EP-1 154 012-A2	11-14-2001	INFINEUM INTERNATIONAL				
	A471	EP-1 183 470-B1	03-06-2002	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE				
	A472	EP-1 184 480-A2	03-06-2002	PREMARK RWP HOLDINGS, INC.				
	A473	EP-1 190 791-A3	04-03-2002	CAMCO INTERNATIONAL (UK) LIMITED				
	A474	EP-1 219 464-A2	07-03-2002	FUJI PHOTO FILM CO., LTD.		T		
	A475	EP-1 233 054-A1	08-21-2002	ETHYL CORPORATION				
	A476	EP-1 281 513-A2	02-05-2003	PREMARK RWP HOLDINGS, INC.		Γ		
	A477	EP-1 300 608-A2	04-09-2003	TSUBAKIMOTO CHAIN CO.		+		
	A478	EP-1 311 885-B1	03-23-2005	3M INNOVATIVE PROPERTIES COMPANY				
	A479	EP-1 338 641-B1	05-17-2006	NISSAN MOTOR CO., LTD.				
	A480	EP-1 340 605-A1	09-03-2003	MITSUBOSHI DIAMOND INDUSTRIAL CO., LTD.		Ī		
	A481	EP-1 365 141-A1	11-26-2003	SIEMENS DIESEL SYSTEMS TECHNOLOGY VDO				
	A482	EP-1 378 271-A1	01-07-2004	MIZUNO CORPORATION		+		
	A402	CF-1 3/0 2/ I-A1	01-07-2004	I WILLUNG CORPURATION				

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	INFORMATION DI	SCLO	SURE	Application Number	10/567,139		
	STATEMENT BY A	APPLI	CANT	Filing Date	08/06/2004		
	Date Submitted: Dece		40.0007	First Named Inventor	Jean Michel MARTIN		
1	Date Submitted: Dece	mper	19, 2007	Art Unit	3682		
(use as many sheets as necessary)			cessary)	Examiner Name	Unassigned		
Sheet	14	of	26	Attorney Docket Number	023971-0642		

			FOREIGN PATENT	DOCUMENTO		-
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passeges or Relevant Figures Appear	
	A483	EP-1 411 145-A1	04-21-2004	NISSAN MOTOR COMPANY, LIMITED		
	A484	EP-1 418 353-A2	05-12-2004	NISSAN MOTOR COMPANY, LIMITED, ET AL.		
	A485	EP-1 440 775-A1	07-28-2004	THE GILLETTE COMPANY		Т
	A486	EP-1 445 119-A1	08-11-2004	FUJI PHOTO FILM CO., LTD.		Т
	A487	EP-1 475 557-A1	11-10-2004	DRESSER-RAND COMPANY		\top
	A488	EP-1 481 699-A1	12-01-2004	M. GOLDOWSKY		т
	A489	EP-1 482 190-A2	12-01-2004	NISSAN MOTOR CO., LTD.		
	A490	EP-1 498 597-A1	07-17-2003	SOREVI S.A.		_
	A491	EP-1 510 594-A2	03-02-2005	NISSAN MOTOR CO., LTD., ET AL.		Ī
	A492	EP-1 512 781-A2	03-09-2005	L.G.L. ELECTRONICS S.P.A.		Т
	A493	RU-1770350-A1	10-23-1992	SHEBALIN ALEKSANDR, ET AL.		Г
	A494	DE-195 07 086-A1	09-05-1996	DANFOSS A/S		т
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	A496	DE-197 04 224-A1	08-21-1997	VOLKSWAGN AG		\top
	A497	DE-198 25 860-A1	12-16-1999	ELGAN- DIAMANTWERKZEUGE GMBH & CO.		
	A498	JP-2000-088104-A	03-31-2000	NISSAN MOTOR CO., LTD.		
	A499	JP-2000-119843-A	04-25-2000	KOBE STEEL LTD.		\top
	A500	JP-2000-170768-A	06-20-2000	EAGLE IND. CO., LTD.		
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	A502	JP-2000-327484-A	11-28-2000	KAWASAKI HEAVY IND.		T
	A503	JP-2000-339083-A	12-08-2000	SANYO ELECTRIC CO., LTD.		
	A504	JP-2000-504089-A	04-04-2000			
	A505	JP-2001-062605-A	03-13-2001	SUMITOMO ELECTRIC IND.		
	A506	JP-2001-064005-A	03-13-2001	SUMITOMO ELECTRIC IND. LTD.		
	A507	JP-2001-093141-A	04-06-2001	FUJITSU LTD.		T
	A508	JP-2001-172766-A	06-26-2001	SUMITOMO ELECTRIC IND., LTD.		
(000000	A500	IP-2001-192864-A	07-17-2001	SUMITOMO ELECTRIC IND		
			300000000000000000000000000000000000000	LTD.		
	A510	JP-2001-269938-A	10-02-2001	SUMITOMO ELECTRIC INDUSTRIES		
	A511	JP-2001-280236-A	10-10-2001	TAIHO KOGYO CO., LTD.		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009				
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	Substitute for	r form 1449	PTO	Complete if Known		
	INFORMATIO	N DISCLO	SURE	Application Number	10/567,139	
	STATEMENT	BY APPL	ICANT	Filing Date	08/06/2004	
	Data Submitted:	December	10 2007	First Named Inventor	Jean Michel MARTIN	
	Date Submitted: December 19, 2007			Art Unit	3682	
(use as many sheets as necessary)			cessary)	Examiner Name	Unassigned	
Sheet	15	of	26	Attorney Docket Number	023971-0642	

Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant	Т
Initials*	No.1	Country Code Number Kind Code (If known)	MM-DD-YYYY	Applicant of Cited Documents	Passages or Relevant Figures Appear	T
	-A642-	JP 2001-010000-A	11-10-2001	SHOJIRO WITAKE ET AL.		-
	A513	JP-2002-265968-A	09-18-2002	IINO ET AL.		+
	A514	JP-2002-309912-A	10-23-2002	NISSAN MOTOR CO., LTD., ET AL.		T
	A515	JP-2002-332571-A	11-22-2002	DENSO CORP. ET AL.		1
	A516	JP-2003-013163-A	01-15-2003	TOYOTA MOTOR CORP.		+
	A517	JP-2003-013799-A	01-15-2003	HONDA MOTOR CO., LTD.		
	A518	JP-2003-025117-A	01-29-2003	NACHI FUJIKOSHI CORP.		+
	A519	JP-2003-028174-A	01-29-2003	NSK LTD		_
	A520	JP-2003-088939-A	03-25-2003	SUMITOMO ELECTRIC IND., LTD.		T
	A521	JP-2003-113941-A	04-18-2003	NIPPON PISTON RING CO LTD.		
	A522	JP-2003-147508-A	05-21-2003	SUMITOMO ELECTRIC INDUSTRIES		Τ
	A523	WO-2004/001804-A2	12-31-2003	BYRON J. ZIEGLER		
	A524	WO-2004/004998-A1	01-15-2004	SIGNATURE CONTROL SYSTEMS, INC.		Г
	A525	WO-2004/019809-A2	03-11-2004	BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS		
	A526	WO-2004/024206-A1	03-25-2004	ESTROGEN VASCULAR TECHNOLOGY, LLC		T
	A527	WO-2004/026359-A1	04-01-2004	ADVANCED CARDIOVASCULAR SYSTSEMS, INC.		
	A528	WO-2004/026500-A2	04-01-2004	ENVENTURE GLOBAL TECHNOLOGY		T
	A529	WO-2004/036169-A1	04-29-2004	HELIX TECHNOLOGY CORPORATION		Г
	A530	WO-2004/036292-A2	04-29-2004	INTELLIMATS, LLC		\Box
	A531	WO-2004/038701-A2	05-06-2004	BARNES ET AL.		
	A532	WO-2004/043631-A1	05-27-2004	HONEYWELL INTERNATIONAL INC.		
	A533	WO-2004/048126-A2	06-10-2004	FROST INC.		\vdash
	A534	WO-2004/067466-A1	08-12-2004	3M INNOVATIVE PROPERTIES CO.		
	A535	WO-2004/068530-A1	08-12-2004	3M INNOVATIVE PROPERTIES CO.		
	A536	WO-2004/071670-A1	08-26-2004	SCION SPRAYS LIMITED		_
	A537	WO-2004/072959-A2	08-26-2004	INTEVAC, INC.		

Examiner Signature /James Pilkington/	Date Considered	06/22/2009
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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
	A538	WO-2004/078424-A2	09-16-2004	IRWIN INDUSTRIAL TOOL COMPANY		
	A539	WO-2004/084773-A1	10-07-2004	L. FEIWELL		
	A540	WO-2004/088113-A1	10-14-2004	SOREVI S.A.		
	A541	JP-2004-036788-A	02-05-2004	NSK LTD		_
	A542	JP-2004-155891-A	06-03-2004	NIPPON OIL CORP., ET AL.	-	
	A543	RU-2004586-C1	12-15-1993	TRANSNATSIONALNAYA MEZHOTRASLE, ET AL.		
	A544	WO-2005/010596-A2	02-03-2005	CORNING INCORPORATED		
	A545	WO-2005/011744-A2	02-10-2005	ALCON, INC.		
	A546	WO-2005/014760-A1	02-17-2005	NIPPON OIL CORP., ET AL.		
	A547	WO-2005/014761-A2	02-17-2005	NISSAN MOTOR CO., LTD., ET AL.		
	A548	WO-2005/014763-A1	02-17-2005	NIPPON OIL CORPORATION, ET AL.		
	A549	WO-2005/014882-A1	02-17-2005	N.V. BEKAERT S.A.		
	A550	WO-2005/016620-A2	02-24-2005	STANKIEWICHZ GMBH		T
	A551	WO-2005/021851-A1	03-10-2005	N.V. BEKAERT S.A.		T
	A552	WO-2005/025844-A1	03-24-2005	NEW MEDIUM ENTERPRISES, INC. ET AL.		
	A553	WO-2005/034791-A1	04-21-2005	F. SHAYGAN		7
	A554	WO-2005/037144-A2	04-28-2005	CELLULAR BIOENGINEERING, INC.		
	A555	WO-2005/037985-A2	04-28-2005	CELLULAR BIOENGINEERING, INC.		Τ
	A556	WO-2005/040451-A1	05-06-2005	V. GOROKHOVSKY		_
	A557	WO-2005/042064-A1	05-12-2005	VENTRACOR LIMITED ET AL		T
	A558	WO-2005/047737-A1	05-26-2005	THE TIMKEN COMPANY		
	A559	JP-2005-068529-A	03-17-2005	NAT INST OF ADV IND & TECHNOLOGY		Г
	A560	WO-2006/075219-A2	07-20-2006	NISSAN MOTOR CO., LTD., ET AL.		
	A561	CA-2009582-	08-24-1990	MCDONNELL DOUGLAS CORPORATION		
	A562	RU-2153782-C1	07-27-2000	S LTD ET AL.		1
	A563	GB-2 338 716-A	12-29-1999	MCLAUGHLIN ET AL.		1
	A564	FR-2669689-A1	05-29-1992	RENAULT		
	A565	EP-0 286 996-A3	10-19-1988	IDEMITSU KOSAN CO., LTD.		1
	A566	EP-0 291 006-B1	01-02-1992	IDEMITSU KOSAN CO., LTD.		┸
	A567	EP-0 299 785-A2	01-18-1989	ETHYL CORPORATION		1

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
*EXAMINER: Initi	lal if reference considered, whether or not citation is in conformance with MPEP 609.		conformance and not considered.

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	Substitute for form	1449/	PTO		Complete if Known		
	INFORMATION DIS	SCLO	SURE	Application Number	10/567,139		
STATEMENT BY APPLICANT				Filing Date	08/06/2004		
	Date Submitted: Dece	mhar	10 2007	First Named Inventor	Jean Michel MARTIN		
	Jate Submitted, Dece	moer	19, 2007	Art Unit	3682		
(use as many sheets as necessary)				Examiner Name	Unassigned		
Sheet	17	of	26	Attorney Docket Number	023971-0642		

	FOREIGN PATENT DOCUMENTS Pages, Columns, Lines,									
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т'				
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	A569	EP-0 308 143-B1	11-24-1993	AMERICAN TELEPHONE AND TELEGRAPH COMPANY						
	A570	EP-0 333 416-A1	09-20-1989	HONDA ĞİKEN KOĞYO KABUSHIKI KAISHA		Γ				
	A571	EP-0 378 378-B1	01-04-1995	FORD MOTOR COMPANY LIMITED, ET AL.						
	A572	EP-0 384 772-A1	08-29-1990	MCDONNELL DOUGLAS CORP.						
	A573	EP-0 388 800-B1	12-27-1996	THE BOARD OF TRUSTEES OF THE MICHIGAN STATE UNIVERSITY						
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	A575	EP-0 391 125-B1	10-17-1990	SHIN-ETSU CHEMICAL CO., LTD.						
	A576	EP-0 392 125-A1	10-17-1990	SHIN-ETSU CHEMICAL CO., LTD.						
	A577	EP-0 396 603-B1	06-26-1996	SUOMEN ITSENAISYYDEN JUHLARAHASTO SITRA						
	A578	EP-0 398 985-B1	11-28-1990	BRITISH TECHNOLOGY GROUP LIMITED						
	A579	EP-0 407 977-A1	01-16-1991	IDEMITSU KOSAN COMPANY LIMITED						
	A580	EP-0 435 312-A1	07-03-1991	KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO						
	A581	EP-0 474 369-A1	03-11-1992	UNITED KINGDOM ATOMIC ENERGY AUTHORITY		L				
	A582	EP-0 474 369-B1	03-05-1997	UNITED KINGDOM ATOMIC ENERGY AUTHORITY						
	A583	EP-0 500 253-A1	08-26-1992	SUMITOMO ELECTRIC INDUSTRIES, LTD.						
	A584	EP-0 511 153-A1	10-28-1992	MULTI-ARC SCIENTIFIC COATINGS						
	A585	JP-52-006318-	01-18-1977	NIPPON PISTON RING CO., LTD.						
	A586	EP-0 529 327-A1	03-03-1993	HOECHST CERAM TEC AG						

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
*EXAMINER: Init	al if reference considered, whether or not citation is in conformance wi	th MPEP 609. Draw line through citation if not	n conformance and not considered.

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	STATEMENT BY	APPLI	CANT	Filing Date	08/06/2004		
				First Named Inventor	Jean Michel MARTIN		
	Date Submitted: Dece	ember	19, 2007	Art Unit	3682		
(use as many sheets as necessary)			cessary)	Examiner Name	Unassigned		
Sheet	18	of	26	Attorney Docket Number	023971-0642		

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	A587	EP-0 546 824-A1	06-16-1993	AMERICAN TELEPHONE AND TELEGRAPH COMPANY						
	A588	EP-0 573 943-A1	12-15-1993	AIR PRODUCTS AND CHEMICALS, INC.						
	A589	EP-0 582 676-B1	03-22-2000	THE GILLETTE COMPANY	-					
	A590	EP-0 619 504-A1	10-12-1994	OPTIK G		1				
	A591	JP-62-111106-A	05-22-1987	M H CENTER:KK						
	A592	EP-0 621 136-A2	10-26-1994	XEROX CORPORATION		_				
	A593	EP-0 624 353-A3	11-17-1994	MINNESOTA MINING AND MANUFACTURING COMPANY						
	A594	EP-0 624 353-B1	02-24-1999	MINNESOTA MINING AND MANUFACTURING COMPANY						
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	A596	EP-0 624 354-A3	11-17-1994	MINNESOTA MINING AND MANUFACTURING COMPANY						
	A597	JP-63-021209-A	01-28-1988	MATSUSHITA ELECTRIC IND CO LTD						
	A598	JP-63-288994-A	11-25-1988	MATSUSHITA ELECTRIC IND CO LTD		T				
	A599	DE-6 43 034-	03-22-1937	TITO BRUNETTI						
	A600	EP-0 647 318-B1	03-03-1999	THE VICTORIA UNIVERSITY OF MANCHESTER		Ī				
	A601	EP-0 651 069-B1	05-03-1995	VLAAMSE INSTELLING VOOR TECHNOLOGOGISCH ONDERZOEK						
	A602	EP-0 651 069-A1	05-03-1995	VLAAMSE INSTELLING VOOR TECHNOLOGY ONDERZOEK						
	A603	EP-0 652 301-A1	05-10-1995	MINNESOTA MINING AND MANUFACTURING COMPANY						
	A604	EP-0 652 301-B1	10-07-1995	MINNESOTA MINING AND MANUFACTURING COMPANY						

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
*EXAMINER: Initial	if reference considered, whether or not citation is in conformand	e with MPEP 609. Draw line through citation if not	in conformance and not considered.

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Documents at www.stpp.gov or MEPS 901.04. 3. Enter Office has bissued the document, by the head-perfect code (WIPO Standard ST.3, 4.6 Codes of USE/TO Planter)
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INFORMATION DISCLOSURE				Application Number	10/567,139	
	STATEMENT BY APPLICANT			Filing Date	08/06/2004	
	Date Submitted: Dece		10 2007	First Named Inventor	Jean Michel MARTIN	
	Date Submitted: Dece	mper	19, 2007	Art Unit	3682	
(use as many sheets as necessary)			essary)	Examiner Name	Unassigned	
Sheet	19	of	26	Attorney Docket Number	023971-0642	

	FOREIGN PATENT DOCUMENTS									
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	A605	EP-0 656 458-B1	02-03-1999	BAKER HUGHES INCORPORATED						
	A606	EP-0 661 470-A2	07-05-1995	STARLITE CO., LTD.						
***************************************	4007	EP-0-791-190-B1	05-90-1999	CENERAL MOTORS CORP.		Т				
	A608	EP-0 757 615-B1	02-12-1997	THE GILLETTE COMPANY						
	A609	EP-0 759 519-A2	02-26-1997	ALCAN GMBH		Т				
	A610	GB-0 768 226-	02-13-1957	HOECHST AG		Т				
	A611	EP-0 778 902-B1	09-12-2001	MINNESOTA MINING AND MANUFACTURING COMPANY						
	A612	EP-0 816 112-A3	10-07-1998	CORNING INCORPORATED		1				
	A613	EP-0 818 622-A1	01-14-1998	FORD GLOBAL TECHNOLOGIES, INC.						
	A614	EP-0 826 790-A1	03-04-1998	PREMARK RWP HOLDINGS, INC.						
	A615	EP-0 826 790-B1	03-04-1998	PREMARK RWP HOLDINGS, INC.						
	A616	EP-0 842 754-B1	03-31-2004	TORAY INDUSTRIES, INC.		1				
	A617	EP-0 842 754-A1	05-20-1998	TORAY INDUSTIRES, INC.		T				
	A618	EP-0 845 154-B1	11-10-1999	E.I DU PONT DE NEMOURS AND CO., ET AL.		Γ				
	A619	EP-0 850 126-B1	01-24-2001	WARNER-LAMBERT COMPANY		Γ				
	A620	EP-0 850 133-B1	07-01-1998	VINIDEX PTY, LTD.		Т				
	A621	EP-0 862 395-B1	04-07-2004	WRIGHT MEDICAL TECHNOLOGY, INC.		Π				
	A622	EP-0 870 820-A1	10-14-1998	CHEVRON CHÉMICAL COMPANY LLC		Γ				
	A623	EP-0 882 759-B1	06-04-2003	TORAY INDUSTRIES, INC.						
	A624	EP-0 882 759-A1	12-09-1998	TORAY INDUSTRIES, INC.		1				
	A625	WO-89/06338-A1	07-13-1989	THE COMMONWEALTH OF AUSTRALIA						
	A626	WO-89/06707-A1	07-27-1989	THE NATIONAL RESEARCH DEVELOPMENT CORPORATION						
	A627	WO-89/06708-A1	07-27-1989	ANTTILA ET AL.		T				
	A628	EP-0 893 677-B1	01-16-2002	HELIX TECHNOLOGY CORPORATION						
	A629	EP-0 905 221-A1	03-31-1999	NCH CORPORATION		1				
	A630	EP-0 905 419-A2	03-31-1999	TEIKOKU PISTON RING CO., LTD.						

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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	Substitute for form	1449/F	PTO	1	Complete if Known		
	INFORMATION DIS	SCLO	SURE	Application Number	10/567,139		
	STATEMENT BY A	PPLI	CANT	Filing Date	08/06/2004		
-	Date Submitted: Dece		10 2007	First Named Inventor	Jean Michel MARTIN		
	pare aubinitted: Dece	mber	19, 2007	Art Unit	3682		
	(use as many sheets as necessary)			Examiner Name	Unassigned		
Sheet	20	of	26	Attorney Docket Number	023971-0642		

			FOREIGN PATENT	DOGOMENTO .		,
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
	A631	WO-92/02602-A1	02-20-1992	LEXXON CHEMICAL		
Manager 1				PATENTS INC.		
	A632	WQ-92/06843-A1	04-30-1992	DIAMONEX.		
				INCORPORATED		
	A633	WO-92/19425-A2	11-12-1992	THE GILLETTE COMPANY		
	A634	WO-93/21288-A1	10-28-1993	EXXON CHEMICAL		
				PATENTS INC.		
	V63E	WQ 03/21280 A1	10.28 1003	EXXON CHEMICAL		
				PATENTS INC.		
	A636	WO-93/24828-A1	12-09-1993	THE VICTORIA UNIVERSITY		T
				OF MANCHESTER		
	A637	EP-0 949 200-A1	10-13-1999	R-AMTECH		
	1			INTERNATIONAL, INC.		
	A638	WO-95/20253-A2	07-27-1995	QQC, INC.		
	A639	WO-95/29044-A1	11-02-1995	THE GILLETTE COMPANY		
	A640	WO-95/29273-A1	11-02-1995	COBRAIN N.V.		I
	A641	WO-95/31584-A1	11-23-1995	QQC, INC.		
	A642	EP-0 950 123-B1	10-20-1999	KENNAMENTAL INC.		
	A643	WO-96/04485-A1	02-15-1996	PANKL, ET AL.		Π.
	A644	WO-96/05333-A1	02-22-1996	MINNESOTA MINING AND		T
	ĺ			MANUFACTURING		
	İ			COMPANY		
	A645	WO-96/05942-A1	02-29-1996	MINNESOTA MINING AND		
				MANUFACTURING		
				COMPANY		
	A646	WO-96/06961-A1	03-07-1996	DEPOSITION SCIENCES,		
				INC.		
	A647	WO-96/12389-A1	04-25-1996	EDSI, INC.		_
	A648	WO-96/24488-A1	08-15-1996	SI DIAMOND TECHNOLOGY		_
	A649	WO-96/40446-A1	12-19-1996	ADVANCED REFRACTORY		1
				TECHNOLOGIES, INC.		1
	A650	WO-97/07531-A1	02-27-1997	E.I. DU PONT DE NEMOURS		1
				AND COMPANY		1
	A651	WO-97/10093-A1	03-20-1997	VINIDEX TUBEMAKERS		1
				PTY, LIMITED		4_
	A652	WO-97/10940-A1	03-27-1997	UPONOR B.V.		-
	A653	WO-97/14555-A1	04-24-1997	ADVANCED REFRACTORY		
		2		TECHNOLOGIES, INC.		1
	A654	WO-97/16138-A1	05-09-1997	WRIGHT MEDICAL		1
				TECHNOLOGY, INC.		-
	A655	EP-0 971 812-B1	10-23-2002	UPONOR INNOVATION AB		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
'EXAMINER Initial	if reference considered, whether or not citation is in conformance	with MPEP 609. Draw line through citation if not	in conformance and not considered.

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7	Substitute for form	1449/	PTO		Complete if Known	
	INFORMATION DIS	SCLO	SURE	Application Number	10/567,139	
	STATEMENT BY A	PPLI	CANT	Filing Date	08/06/2004	
Date Submitted: December 19, 2007			10 2007	First Named Inventor	Jean Michel MARTIN	
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	(use as many sheets	as ne	cessary)	Examiner Name	Unassigned	
Sheet	21	of	26	Attorney Docket Number	023971-0642	

			FOREIGN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code Number Kind Code (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear	Т6
	A656	WO-98/02715-A1	01-22-1998	PHASE METRICS		
	A657	WO-98/12994-A1	04-02-1998	ERIKSSON, ET AL.		1
	A658	WO-98/13528-A1	04-02-1998	KENNAMETAL INC.		1
	A659	WO-98/47141-A1	10-22-1998	DIGITAL PAPYRUS CORPORATION		Г
	A660	WO-99/09547-A1	02-25-1999	SEAGATE TECHNOLOGY, INC.		
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	A662	WO-99/14512-A1	03-25-1999	SKF INDUSTRIAL TRADING & DEVELOPMENT COMPANY B.V.		
	A663	WO-99/16371-A1	04-08-1999	BOSTON SCIENTIFIC CORP.		
	A664	WO-99/22694-A2	05-14-1999	C. KING		1
	A665	WO-99/27157-A1	06-03-1999	MINNESOTA MINING AND MANUFACTURING COMPANY		
	A666	WO-99/29477-A1	06-17-1999	ADVANCED REFRACTORY TECHNOLOGIES, INC.		
	A667	WO-99/31557-A1	06-24-1999	ALUMINUM COMPANY OF AMERICA		
	A668	WO-99/34385-A1	07-08-1999	ALFAR INTERNATIONAL LTD.		
	A669	WO-99/46847-A1	09-16-1999	SKF ENGINEERING AND RESEARCH CENTRE B.V.		
	A670	WO-99/54520-A1	10-28-1999	VALMET CORP.		
	A671	WO-99/54934-A1	10-28-1999	CVC PRODUCTS, INC.		Г
	A672	WO-99/57743-A1	11-11-1999	GIVARGIZOV		T
	A673	WO-99/62077-A1	12-02-1999	ADVANCED REFRACTORY TECHNOLOGIES, INC.		
	A674	WO-99/62572-A1	12-09-1999	N.V. BEKAERT S.A.		
	A675	IE-990532-A1	03-21-2001	PAUL DAMIAN MAGUIRE		
	A676	WO-2007/088649	08-09-2007	NISSAN MOTOR ET AL.		Т

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Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, scalind, school, date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature /James Pilkington/	Date Considered	06/22/2009
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INFORM	ATION DISCLOSURE	Application Number	10/567,139	
STATE	IENT BY APPLICANT	Filing Date	08/06/2004	
Data Cultur	itted: December 19, 2007	First Named Inventor	Jean Michel MARTIN	
Date Subn	med. December 19, 2007	Art Unit	3682	
(use as ma	ny sheets as necessary)	Examiner Name	Unassigned	
Sheet 22	of 26	Attorney Docket Number	023971-0642	

		NON PATENT LITERATURE DOCUMENTS	_
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т
***	A677	Aluminium Alloy Die Castings, "Japanese Industrial Standard (HS 11 5392), 2000, pages 1-13.	
	A678	"Aluminium Alloy Die Castings," JIS H5302, (2000), pp. 1670-1681.	
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Noon	A003	"Chromium Molybdenam Oteels," Japanese Industrial Clandard (JIC G 4105), 1070, peges 1 11	_
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	INFORMATIC	N DISCLO	SURE	Application Number	10/567,139	
	STATEMENT BY APPLICANT Date Submitted: December 19, 2007			Filing Date	08/06/2004	
				First Named Inventor	Jean Michel MARTIN	
				Art Unit	3682	
	(use as many sl	heets as ne	cessary)	Examiner Name	Unassigned	
Sheet	23	of	26	Attorney Docket Number	023971-0642	

		NON PATENT LITERATURE DOCUMENTS	
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	A689	"Standard Practice for Codification of Certain Nonferrous Metals and Alloys, Cast and Wrought1", ASTM International, Designation: B 275-02, June 2002, pages 1-7.	
	A690	"Standard Test Method for Calibration and Operation of the Falex Block-on-Ring Friction and Wear Testing Machine", ASTM Designation: D2714 - 88, 01/1989, pages 383-386.	
E00000	A691	-Standard, Test Method for Senaration of Recressentative Aromatics and Nonaromatics Fractions of High- Boiling Oils by Elution Chromatography", ASTM Standards, Designation. D 2549 - 91 (Raapproved 1995), pages 895-900.	_
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	INFORMATION DIS			Application Number	10/567,139
	STATEMENT BY APPLICANT Date Submitted: December 19, 2007 (use as many sheets as necessary)			Filing Date	08/06/2004
				First Named Inventor	Jean Michel MARTIN
				Art Unit	3682
				Examiner Name	Unassigned
Sheet	24	of	26	Attorney Docket Number	023971-0642

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-	A704	International Standard, "Petroleum products - Determination of base number - Perchloric acid potentiometric tiration method", ISO 3771, second edition 8-15-1994, pages 1-8.	_

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	STATEMENT BY A	APPLI	CANT	Filing Date	08/06/2004	
	ate Submitted: Dece		40.0007	First Named Inventor	Jean Michel MARTIN	
D	ate Submitted: Dece	mber	19, 2007	Art Unit	3682	
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	A705	Japanese Industrial Standard "Aluminium Alloy Castings," JIS H5202, (1999), pp. 1-17.				
	A706	Japanese Industrial Standard Handbook, "Machine Elements", 2003, pages 262-286 and 2586.				
	- A707	Jopanese Industrial Standard, "High Carten Chromium Searing Stools", IIS G 4805, 1000, pages 1.31 (with translation).	_			
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	A713	Kano et al., "The Effect of ZDDP and MODTC Additives on Friction Properties of DLC and Steel Cam Follower in Engine Oil", Abstracts of Papers from 2nd World Tribology Congress, Sept. 3-7, 2001, page 342.			
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